

Converting Colors

HunterLab(41.6806, 45.0533,
18.1097)

Have a look what the booklet for
HunterLab(41.6806, 45.0533,
18.1097) contains.

HunterLab(41.6880, 44.7012, 17.9923)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(41.6880, 44.7012,
17.9923)**

Conversions

Conversions Part 1

Format	Color
Hex	C94747
RGB	201, 71, 71
RGB Percent	79%, 28%, 28%
CMY	0.2118, 0.7215, 0.7216
CMYK	0.00, 0.65, 0.65, 0.21
HSL	0°, 55%, 53%
HSV	0°, 65%, 79%
XYZ	27.4779, 17.3789, 7.8674
YIQ	109.8700, 77.4800, 27.5600

Conversions

Conversions Part 2

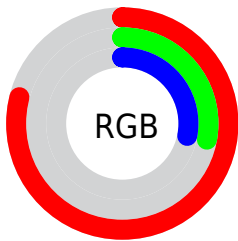
Format	Color
R_{YB}	201, 71, 71
Decimal	13190983
CIE Lab	48.74, 51.58, 28.31
CIE LCh	49, 58.841, 28.759
Yxy	17.3799, 0.5212, 0.3296
Android (android.graphics.Color)	4291381063 (0xFFC94747)
YUV	109.8700, -19.1629, 79.9210
Hunter-Lab	41.6880, 44.7012, 17.9923

Details

The HunterLab color **41.6880, 44.7012, 17.9923** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **68.7939, -32.1024, -5.7956**, and the grayscale version is **39.4893, -2.1071, 2.1455**.

A 20% lighter version of the original color is **61.0601, 45.0533, 21.1595**, and **23.8705, 40.7430, 12.8467** is the 20% darker color. If you saturate the color by 10%, you get **38.7496, 51.3236, 20.0012**, and if you desaturate by 10%, it is **45.4697, 37.1392, 15.7329**.

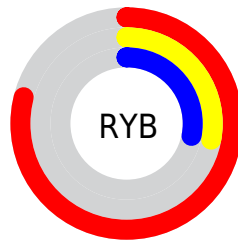
Distribution



Red (79%)

Green (28%)

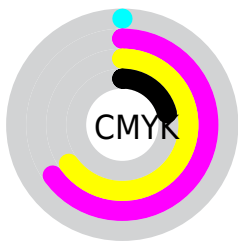
Blue (28%)



Red (79%)

Yellow (28%)

Blue (28%)

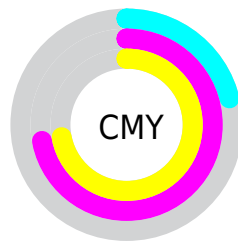


Cyan (0%)

Magenta (65%)

Yellow (65%)

Black (21%)



Cyan (21%)

Magenta (72%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.6880, 44.7012, 17.9923 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 41.6880, 44.7012, 17.9923 by changing the saturation by 10% instead.

■ 41.6880, 44.7012,
17.9923

■ 41.6880, 44.7012,
17.9923

154.0624, 57.2279,
36.8067

■ 32.4125, 42.7988,
15.5111

■ 62.4322, 48.1801,
22.5813

■ 23.9490, 40.8300,
12.8436

■ 73.8040, 49.7572,
24.7454

■ 16.3858, 38.8945,
10.4601

■ 85.7930, 51.2299,
26.8482

■ 9.8466, 37.3441,
6.8926

■ 98.3689, 52.6040,
28.9027

0.0000, INF, NaN

0.0000, INF, NaN

■ 111.5055, 53.8853,
30.9188

0.0000, NaN, NaN

125.1799, 55.0797,

0.0000, NaN, NaN

32.9043

0.0000, NaN, NaN

139.3715, 56.1922,
34.8652

■ 41.6880, 44.7012,
17.9923

■ 41.6880, 44.7012,
17.9923

■ 38.7496, 51.3236,
20.0012

■ 45.4697, 37.1392,
15.7329

■ 36.7225, 56.3656,
21.5442

■ 49.9834, 29.2157,
13.4032

■ 35.6001, 59.3517,
22.4634

■ 55.1169, 21.3049,
11.1223

■ 35.2387, 60.3455,
22.7704

■ 60.7684, 13.6099,
8.9511

■ 66.8525, 6.2140,
6.9112

■ 73.3005, -0.8685,
5.0026

■ 80.0579, -7.6574,
3.2146

■ 87.0815, -14.1864,
1.5330

■ 94.3374, -20.4926,
-0.0572

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



41.6892, 52.6019, 1.3367



41.6880, 44.7012, 17.9923



41.6892, 23.6106, 24.7228

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



41.6892, 44.6975, 17.9930



41.6892, -34.0004, 18.8592



41.6892, -3.1914, -66.6551

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



41.6880, 44.7012, 17.9923



68.7939, -32.1024, -5.7956

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



41.6892, -22.9878, -52.9915



41.6880, 44.7012, 17.9923



41.6892, -38.1929, 3.1807

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



41.6892, 44.6975, 17.9930



41.6892, -21.6443, 24.9952



41.6892, -34.6480, -23.8432



41.6892, 21.5593, -54.9472

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



41.6880, 44.7012, 17.9923



41.6892, 6.8594, 26.1513



41.6892, -34.6480, -23.8432



41.6892, -10.5956, -64.7864

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



41.6892, 44.6975, 17.9930



83.7570, 12.5215, 10.2465



45.9793, 62.7228, -41.8244



37.6884, 7.0974, 5.1011

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



41.6892, 44.6975, 17.9930



49.3819, 70.3718, 27.1534



55.2093, 13.4037, 27.8524



32.6145, 1.1246, 2.7324



27.9426, 47.8506, 18.0558



6.0806, 10.4113, 3.9291

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



68.7939, -32.1024, -5.7956



89.2054, -45.1687, -8.7034



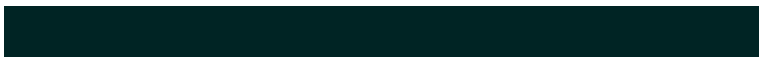
48.1300, -2.8388, -38.4630



34.7383, -4.5432, 0.9857



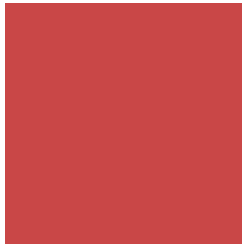
53.7713, -28.5049, -5.6756



11.7008, -6.2029, -1.2348

Previews

White Background



This preview shows how the HunterLab color 41.6880, 44.7012, 17.9923 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 41.6880, 44.7012, 17.9923 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 41.6880, 44.7012, 17.9923 Background



This preview shows how black text looks on a background with the HunterLab color 41.6880, 44.7012, 17.9923.



This preview shows how white text looks on a background with the HunterLab color 41.6880, 44.7012,

17.9923.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

41.6880, 44.7012, 17.9923

Protanopia

41.8296, -3.3853, 12.3196

Deuteranopia

41.8208, 2.6390, 18.9394



Tritanopia

41.6003, 45.4016, 16.9415

Trichromacy



Original Color

41.6880, 44.7012, 17.9923

Protanomaly

40.4956, 13.0106, 13.4935

Deuteranomaly

40.6909, 17.8425, 17.6485

Tritanomaly

41.5839, 45.3308, 17.1803

Monochromacy



Original Color

41.6880, 44.7012, 17.9923

Achromatopsia

39.4875, -2.1070, 2.1454

Achromatomaly

38.7942, 13.1920, 7.2229

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.6880, 44.7012, 17.9923 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(201, 71, 71)` looks like.

```
.text, #text, p{  
    color:rgb(201, 71, 71)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(201, 71, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 71, 71) }
```

Border

The CSS property to change the border of an element to HunterLab 41.6880, 44.7012, 17.9923 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(201, 71, 71) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(201, 71, 71) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(201, 71, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 71, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 71, 71);  
box-shadow:4px 4px 4px 4px rgb(201, 71,  
71) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.6880, 44.7012, 17.9923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 71, 71) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(201, 71,  
71) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor